BRUHAT BANGALORE MAHANAGARA PALIKE

YELHANKA ZONE ELECTRICAL DIVISION

**Office of the Executive Engineer**
**Electrical Division, Yelahanka Zone**
**Bruhath Bengaluru Mahanagara Palike**

## "Schedule B"

**Name of Work:-** Providing and laying Aerial Bunched Cables/damaged poles/panel boards to Major roads in Byatarayanapura constituency ward no 5

| Sl.No | Qty | Description Of Work | Unit | Quoted Rates | |
|---|---|---|---|---|---|
| | | | | In figures | In words |
| 1 | 5 | Digging of Pits 1.8 mtr depth for errection of 9 to 10mtr Long Steel/RCC/PSC supports as per approved Drawing.Ordinary Soil | Nos | 600.00 | Rupees Six Hundred Only |
| 2 | 5 | Erection of steel supports 9.0 to 10.00 mtr long suchas 22.68 kg (50 lbs) Rail, 27.22 kg (60 Lbs) Rail IBeam of sizes 200x100mm, 175x90 mm, 125x100mm. Fabricates poles tubular poles in pits of 1.8 mtrDepth, Aligning, Refilling with soil and ramming asapproved drawing | Nos | 300.00 | Rupees Three Hundred Only |
| 3 | 5 | Pole concreting with CC 1:2:4 (without coping) f) 8mtrs support (400x400x1500mm) | Nos | 1000.00 | Rupees One Thousand Only |
| 4 | 5 | Any Dismantling work 90% of the corresponding erection charges(304x90%=273.6) | Nos | 500.00 | Rupees Five Hundred Only |
| 5 | 4 | Transportation using 7.5/10 Tons Lorry Rs. 23 per Kms subjected to a minimum of Rs. 1200/-per day (shifting of Panel boards & Poles) | Nos | 5000.00 | Rupees Five Thousand Only |
| 6 | 5 | Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/footing of the pole .8Mtr and above street light pole. | Nos | 550.00 | Rupees Five Hundred Fifty Only |
| 7 | 1500 | Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A.2 X 25 + 1 X 25 SQ.MM KPWD ELE SR 2014-15 | Per Mtr | 169.00 | Rupees One Hundred Sixty Nine Only |
| 8 | 1500 | Stringing of 1.1kv LT Arial Bunched Cable, BESCOM SR | Per Mtr | 10.00 | Rupees Ten Only |
| 9 | 5 | Piercing connector suitable for 16 sqmm - 95 sqmm AB cable -steel light connection. Bescom SR of 2010-11, Page no 16 of 34, Serial no 51.12. | Each | 150.00 | Rupees One Hundred Fifty Only |
| 10 | 5 | Suspension clamp assembly 25 to 95 sqmm bare messenger. Bescom SR of 2010-11, Page no 16 of 34, Sl no 51.17. | Each | 35.00 | Rupees Thirty Five Only |
| 11 | 1 | Dead end clamp / Anchor clamp assembly 25 to 95 sqmm bare messenger, Bescom SR of 2010-11, Page no 16 o 34, Sl no 51.16. | Each | 100.00 | Rupees One Hundred Only |
| 12 | 2 | Universal Hook and Bolts and Nuts, Bescom SR of 2010-11, Page no 16 of 34, Sl no. 51.15. | Each | 100.00 | Rupees One Hundred Only |
| 13 | 5 | Erection of Suspension Clamp - 25 to 95 sqmm bare messenger. Bescom SR of 2010-11, Page No 21 of 27, Sl No 26.6. | Each | 50.00 | Rupees Fifty Only |

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| 14 | 3 | Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. ( Icu = Ics) THREE POLE 100Amps 25kA.26/5.14.1 | Each | 2500.00 | Rupees Two Thousand Five Hundred Only |
| 15 | 100 | Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.4 core 16 sqmm40/6.4.4 | Mtrs | 110.00 | Rupees One Hundred Ten Only |
| 16 | 100 | Labour charges for laying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct. 6 sqmm to 16 sqmm | Mtrs | 10.00 | Rupees Ten Only |
| 17 | 80 | Digging of trench of 0.6 m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete.41/6.6.1 | Mtrs | 75.00 | Rupees Seventy Five Only |
| 18 | 100000 | Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete.16SWG KPWD ELE SR Page-30/5.42.2 | sq.cms | 0.30 | Rupees And Paise Thirty Only |
| 19 | 18 | Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. KPWD ELE SR Page-24/5.7.3 100Amps | Each | 500.00 | Rupees Five Hundred Only |
| 20 | 100 | Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and Copper conductor single core cable in open or consealed system of wiring.I Group A Materials.6 sqmm 6/2.3.3 | Mtrs | 150.00 | Rupees One Hundred Fifty Only |
| 21 | 3 | Thiristor based single/ Three phase smart street light control and monitoring system Remotely control and and monitorable smart street light system by using web or mobile application .smart control system has hardware ruggedness over field issues like line cross, line short, lighting and any other irregularities in voltage. It has some features like 1.Remote lighting management.2.Precise lighting turnoff.3.Load ballancing.4.Load power regulation.5.Status tracking. It works on the basis of some of these features 1) Main Control Unit ( Mother board ) : Handles controlling , data handling and other communication process. 2) Communication unit: GSM/GPRS quad bandwith RS232 interface wireless communication unit 3) Gate Driver Unit: Firing angle controllable board for driving the thyristor 4) Switching Thyristor: SCR 110 AMPS dual thyristor modules for switching 5)Embedded Firmware: Firmware to control , handle , process the data and communicate it wirelessly.6) Metal Enclosure : IP66 weather prof metal enclosure. 7) transformers: Customized step down transformers for various purposes.8) Wiring and other device assembly components. | No | 5150.00 | Rupees Five Thousand One Hundred Fifty Only |

I am prepared to take up the above work at rates quoted in the Schedule 'B'

Contractor

Sri Lakshmi Varadaraja
Electrical Stores
# 2555/A, 4th Main, 4th Cross,
Yelahanka New Town,
Bangalore - 64.

EXECUTIVE ENGINEER (ELEC)
BBMP, Yelahanka Zone